

Welcome



Please:

- Be courteous to one another
- Do not talk over other people
- Respect every viewpoint
- Wait for the microphone before talking

Agenda

1. Apologies for absence and declarations of interest
2. SIZEWELL A REPORTS
 - a. Site Director, Magnox*
 - b. Site Inspector, Office for Nuclear Regulation*
 - c. Environment Agency*
3. NDA REPORTS
4. SIZEWELL B REPORTS
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5. Matters arising and questions from minutes and action tracker:
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Magnox

Magnox Ltd is owned by the Nuclear Decommissioning Authority

Sizewell A Site

Report to Site Stakeholder Group

8 June 2022

Sohail Ashraf

Site Director, Bradwell & Sizewell A



Safety and compliance

- Staff and sub-contractors – focus on human performance error prevention tools and techniques
- Emergency preparedness
- Covid-19 – continue to have measures in place, including ventilation of workspaces, cleaning and hygiene activities
- Trialling various types of seagull deterrents, visual and audible



Sizewell Sustainability Group

- Sustainability training modules for staff
- Energy consumption – lighting
- Continued surveillance of local wildlife



Turbine hall – progress

- Contract for demolition to be awarded this month
- Mobilisation and site set-up
- Hazard removal and de-plant
- Refurbishment and demolition (R&D) survey and building demolition
- We will work to minimise disruption during this time
- Open evening to be arranged for local residents July/August 2022



Ponds progress

- Plasma cutting trials
- Waste clearance following platform de-plant
- Development of ultra high water pressure (UHP) coupon sampling rig design
- Skip crane modifications



Waste programme

- Combustible active waste void and non-combustible active waste void surveys in progress and forecast to complete summer 2022
- Scope preparation activities underway to determine recovery, sort and segregation, and waste sentencing and dispatch



Waste operations look-ahead

Conventional waste

- Green-safe IT disposal route being set up
- Process and dispose of remaining waste generated from new waste slab project
- Process and dispose of cable generated from turbine hall electrical isolations work



Radioactive waste

- Ponds skips characterisation – low level waste skip movement trials completed
- Removal of legacy radioactive / conventional waste from reactor building continues
- Proposal to transport small volumes of solid radioactive waste to Sizewell A from Bradwell. Very small amount – equating to, on average, less than five light goods vehicles each year

Asset management

On-going works

- Waste handling slab
- Asbestos “Fix It Now” Team
- Top Duct T Hanger Inspections

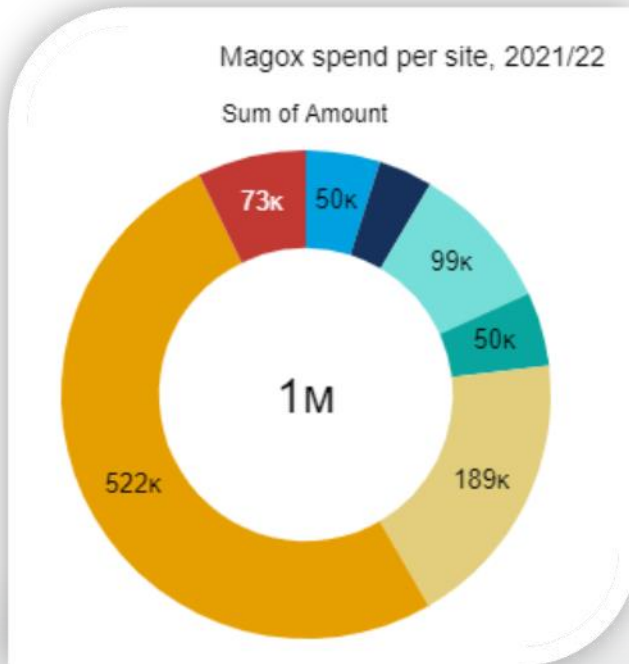


Up-coming work

- Grid land transfer to EDF (licensing and infrastructure separation)



Magnox Socio-economic Scheme 2021/22



NDA Site

- Chapelcross
- Dungeness
- Harwell
- Hinkley Point
- Trawsfynydd
- Wylfa
- Other

- Budget – £1,020,035
- Committed – £1,020,034.03
- Unspent – 97p



Plus a further £1,264,628 of NDA directly funded projects supported across the Magnox estate



Sizewell A funding 2021-22

Total Magnox funding: £2,699

- Church Square Community Garden £1,000
- Leiston Primary School covid summer house £1,000
- AFC Kesgrave U14s football kit £699

Multi-year funding

- Leiston Long Shop Museum £46,600 final funding, delayed due to covid, due to be released June. Overall funding £189,800 over three years (originally)



What's new for 2022-23?

- Magnox socio-economic funding remains at £1,020,035 with £171,750 multi-year funding already committed
- Good Neighbour Scheme funding limit raised to £2,000; however £6,000 allocation per site remains unchanged
- Kirsty Ramsden will manage Good Neighbour applications for Bradwell and Sizewell A, Haf Morris applications of more than £2,000
- For further information visit:

<https://www.gov.uk/government/collections/magnox-working-with-our-communities>

Contact Kirsty or Haf to discuss potential applications (details on website)



Thank you

- Any questions?



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NDA Update

John McNamara
Head of Stakeholder
Relations

Sizewell SSG meeting 8 June 2022

NDA Update

COVID-19 Update

- Offices are open - will continue to adopt a mix of home and office working where appropriate
- More face-to-face external engagement currently being reviewed and will be based on the wishes of stakeholders and taking into account government guidance
- Expectation that we will be working 2-3 days per week in offices

NDA Update

NDA Sustainability Strategy

- Since last SSG meeting in January the NDA Sustainability Strategy was published - 30 March
- This strategy sets out the NDA group's five-year path to becoming a leader in sustainability.
- Investing in people, communities & protecting environment for long-term
- Identifies key opportunities and projects to improve sustainability across NDA group



NDA Update

Nuclear Waste Services

- NDA new waste division launched on 31 January.
- The last of the 'four pillars' to come into being.
- Nuclear Waste Services brings together Radioactive Waste Management (RWM), the Low Level Waste Repository (LLWR) and the NDA's Integrated Waste Management team
- The four operating companies will be NWS, NTS, Magnox and Sellafield Ltd

NDA Update

GDF Siting process

- Now three Community Partnerships in West Cumbria. Community Partnerships are a further step in an exploratory, fact-finding and discussion process with the local community about hosting a GDF
- On the other side of the country, in Lincolnshire, Theddlethorpe has announced its local Search Area, i.e. the place where it would look to site a GDF. The local Working Group is looking to move the process forward over the coming months and establish a Community Partnership.
- We are advised by NWS that further areas are interested in forming community partnerships

NDA Update

GDF - Geophysical surveys to begin in Cumbria

- First marine geophysical surveys set to start this summer
- Investigations off the coast to provide data about potential of deep rocks to host a Geological Disposal Facility



NDA Update

Magnox fuel reprocessing ends

- Reprocessing operations in Sellafield's Magnox Reprocessing Plant will end in July 2022. It marks the completion of an operational journey that began in 1964.
- Once reprocessing is complete, it will enter a new phase of clean-out and decommissioning.
- It has reprocessed nearly 55,000 tonnes of spent fuel. That's more than half the total volume of fuel ever reprocessed anywhere in the world.

NDA Update

Supply Chain Event

- Largest event of its kind in Europe with 1,700 visitors and over 300 suppliers
- New date set for 21 July 2022 and will be held at The International Centre, Telford
- Supply Chain Awards ceremony same day.
- NIA DECOMM 2022 – 20 July



The poster is divided into two main sections. The left section has a dark purple background with a network diagram of nodes and lines. It features the NDA logo (a white circle with 'NDA' in black) in the top left, followed by the text 'group supply chain event' in white. The right section has a light grey background and features the text 'new date' in a large, bold, dark purple font, followed by '21 July 2022' in a slightly smaller, bold, dark purple font. At the bottom of the poster, there is a white bar. On the left side of this bar, it says 'The International Centre, Telford, Shropshire' in a dark grey font. On the right side, there is a red hashtag '#DecommSupply' and a small logo for the 'Supply Chain Charter for Nuclear Decommissioning Sites Signatory'.

NDA

group supply chain event

new date
21 July 2022

The International Centre,
Telford, Shropshire

#DecommSupply

Supply Chain
Charter for Nuclear
Decommissioning
Sites Signatory

NDA Update

NDA and Cwmni Eginio joint collaboration

- BEIS announced NDA to work with Cwmni Eginio to support development of new nuclear (Small Modular Reactors) at Trawsfynydd
- Supporting HMG's energy security strategy
- NDA focussed on core mission & energy act requirements regarding maximising value from land & considering soc ec benefits of site redevelopment.
- NDA can see benefits of potential new nuclear redevelopment of our sites (amongst other opportunities) & will work with developers/BEIS to consider opportunities within our “vires”
- NDA will also advise new developers, with eventual decommissioning in mind
- NDA will engage with technology providers & site developers to better understand technical and land requirements at our sites

NDA Update

Sizewell land transfer

- Three-year option agreement between NDA, Magnox and EDF providing flexibility
- EDF option to take freehold or leasehold initially - but legally obliged to buy once option is triggered
- Land fully investigated and free from contamination
- Good value for taxpayer as agreed price well above current local commercial rates & saves nearby green field site from being developed
- DCO on Sizewell C due to be decided in early July – NDA land team able to brief the SSG once that decision is made.
- Timeline indicates documents signed off within a month. Approvals from Magnox & BEIS 2-3 months. De-licensing and designations 12-18 months(approx.), dependent on ONR/BEIS inputs

NDA Update

NDA - “Keeping the conversation going”

- Virtual NDA Stakeholder event was held on 26 November
- This year’s Stakeholder Summit will be an in-person event.
- It will be held in Edinburgh on 7-8 September
- We hope that representatives of all the SSGs will take part.





Making a difference



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Sizewell Stakeholder Meeting

June 2022



Safety performance and staffing

During the period of the report there has been:

- **No recordable injuries**
 - **No nuclear reportable incidents**
 - **No environmental incidents**
-
- **534** EDF staff this includes **13** Apprentices, **2** Industrial placements, **5** Technical Trainees, and **10** Visitor Centre staff.
 - **250** year round contracting partners

Unplanned automatic shutdown

- Reactor automatically shutdown 17.24hrs, **Monday 18th April 2022**.
- Investigations identified an instrumentation fault. If a fault occurs in these instruments they will fail safe and in some cases will cause the plant to shut down.
- The issue was quickly identified and repaired and system was declared operable.
- The plant has responded as expected and at no time was anyone's safety put at risk.
- When the station is shut down it is necessary to release the steam that had been built up to turn the turbines. This steam, from the clean water systems (not the reactor), is released over a period of time and presents no threat to the public or the environment.
- The reactor and Turbine 2 at the power station were synchronised to the national grid at 05:36hrs, **Friday 22nd April**, followed a day later by Turbine 1.
- The station is generating at full capacity.

Sizewell B starts review to extend operation by 20 years

- EDF is looking at extending the operational life of Sizewell B power station by at least 20 years, from **2035 to 2055** - this will protect jobs and importantly the UK energy security.
- A final decision will be made by EDF in **2024**, which would then be followed by the required capital investment in the plant, safety enhancements and obtaining the necessary approvals.
- This is the start of a robust process which will involve key partners including Westinghouse, Jacobs, GE and Framatome, some were involved at the start of the station's operation.
- Sizewell B will engage with industry regulators the Office for Nuclear Regulation and the Environment Agency throughout the process.

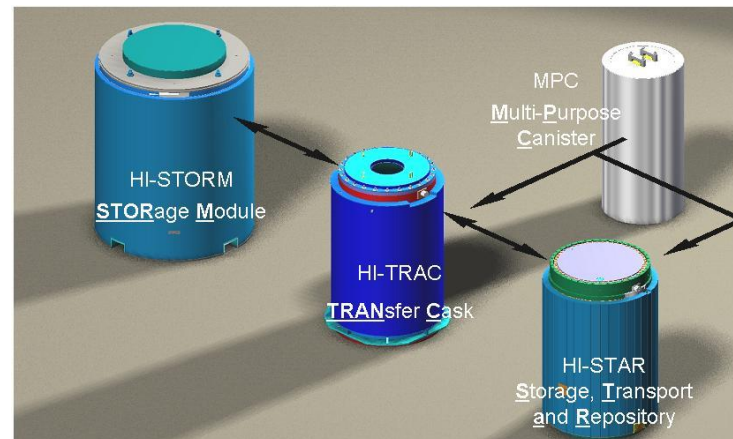
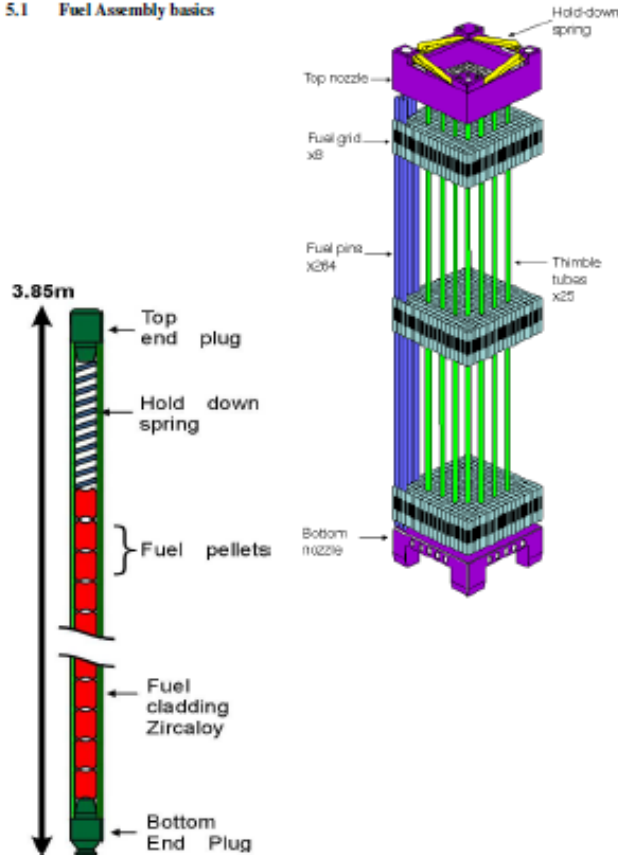


Dry Fuel Storage – 3rd Campaign

- During the final stage of processing one of the fuel storage casks, an anomaly was identified in the form of a pin hole in the cladding of a single fuel pin in one of the stainless steel dry storage canisters.
- This is detected through analysis of the Helium gas that is used to cool the fuel inside the cask and is part of the normal monitoring process.
- This is not an uncommon issue around the world.
- We continue to monitor the situation whilst our fuel experts on site work through the plan for processing this canister.
- There is no threat to the safety of our employees, the public or environment, and the cask remains safely contained within our fuel pond building.
- The cask will only be moved to the Dry Fuel Store if it meets stringent safety case requirements for storage.
- Our independent regulator, the Office for Nuclear Regulation (ONR) and the Environment Agency, have been fully briefed.

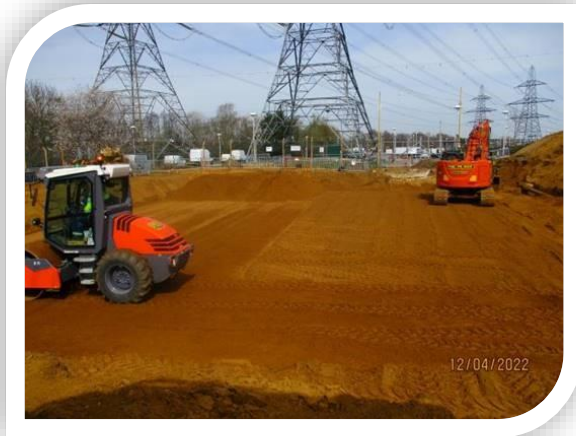
Dry Fuel Storage – 3rd Campaign

5.1 Fuel Assembly basics



Sizewell B Relocated Facilities

- Excavation of the relocated facilities site is continuing to progress with breakout of the old reservoir walls and infill reaching completion.
- Top soil deposition to EDF land north of the Sizewell B site for use as part of the Sizewell C project continues alongside this.
- The works are being carried out by Imtech and numbers remain at approx. 10 people on site.
- Negotiations for utilisation of land within Sizewell A in preference to Pill Box Field, are progressing well.



Sizewell visitor Centre

- Since reopening the Visitor Centre in early 2022 following the pandemic, the station guides have engaged with over 3,000 people, including schools and community groups through both outreach events and 780 of those have taken part in the power station tour.
- The Visitor Centre continues to be a popular choice with local schools and colleges to enhance the school curriculum and is currently fully booked until the end of this academic year.
- The Sizewell visitor centre is open to the public from 9am to 4.30pm Monday – Friday. To arrange a tour of the power station email Sizewellbtours@edf-energy.com



Communities benefit from Sizewell B Sponsorship fund

- Summaries of projects awarded to date in 2022 totalling **£4,680**.
- Leiston Community Land Trust – powder coating Leiston archway **£980**
- Alde Valley Academy – Awards Evening **£1,000**
- Aldeburgh Carnival – carnival floats awards **£500**
- Pear Tree Fund - Halesworth sponsored hole for golf fundraising event **£100**
- Henham Steam Rally – ‘Steam Through the Ages’ education day **£750**
- Friends of Sibton Church – carpark resurfacing **£500**
- Saxfest Music Festival community event **£750**
- Rendham Village Fete **£100**

Thank You



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Next meeting:

Monday 12 September 2022 (morning)

